

Converting Colors

Hex(8724B2)

Have a look what the booklet for
Hex(8724B2) contains.

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Color

Hex(8724B2)

Conversions

Conversions Part 1

Format	Color
Hex	8724B2
RGB	135, 36, 178
RGB Percent	53%, 14%, 70%
CMY	0.4706, 0.8588, 0.3020
CMYK	0.24, 0.80, 0.00, 0.30
HSL	282°, 66%, 42%
HSV	282°, 80%, 70%
XYZ	18.6584, 9.6270, 42.9943
YIQ	81.7890, 13.4220, 65.1500

Conversions

Conversions Part 2

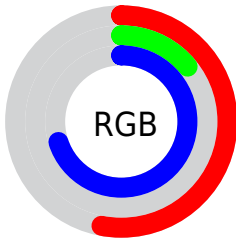
Format	Color
R_{YB}	135, 36, 178
Decimal	8856754
CIE _{Lab}	37.16, 61.43, -55.07
CIE _{LCh}	37, 82.500, 318.129
Yxy	9.6270, 0.2618, 0.1351
Android (android.graphics.Color)	4287046834 (0xFF8724B2)
YUV	81.7890, 47.4320, 46.6660
Hunter-Lab	31.0274, 53.0436, -60.4382

Details

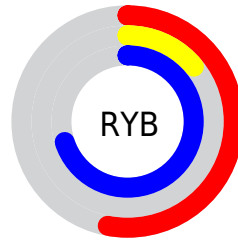
The Hex color **8724B2** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4FB224**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **C05DEB**, and **4F007C** is the 20% darker color. If you saturate the color by 10%, you get **8212B2**, and if you desaturate by 10%, it is **8C36B2**.

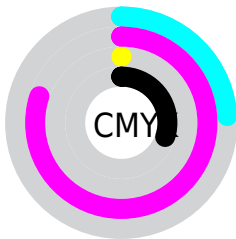
Distribution



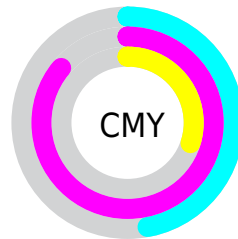
- Red (53%)
- Green (14%)
- Blue (70%)



- Red (53%)
- Yellow (14%)
- Blue (70%)



- Cyan (24%)
- Magenta (80%)
- Yellow (0%)
- Black (30%)



- Cyan (47%)
- Magenta (86%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8724B2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8724B2 by changing the saturation by 10% instead.

8724B2

8724B2

FFFFFF

6B0097

C05DEB

4F007C

DE79FF

330063

FB94FF

17004A

FFB0FF

000032

FFC0FF

00021C

FFEAFF

000000

8724B2

8724B2

8212B2

8C36B2

7C00B2

9248B2

9759B2

9D6BB2

A27DB2

A78FB2

ADA1B2

B2B2B2

B8C4B2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0053D9



8724B2



BB0075

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8724B2



814B00



007180

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8724B2



4FB224

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006F3A



8724B2



456100

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8724B2



AD1C00



006B00



0070BB

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8724B2



C50049



006B00



007069

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8724B2



D7B0E8



2451B2



6B5375



F5F5F5



757575

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8724B2



A509E8



B22498



575059



6B0099



12001A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B2244F



E8094D



24B23E



595053



99002E



1A0008

Previews

White Background



This preview shows how the Hex color 8724B2 looks on a white background.

Color Contrast Check

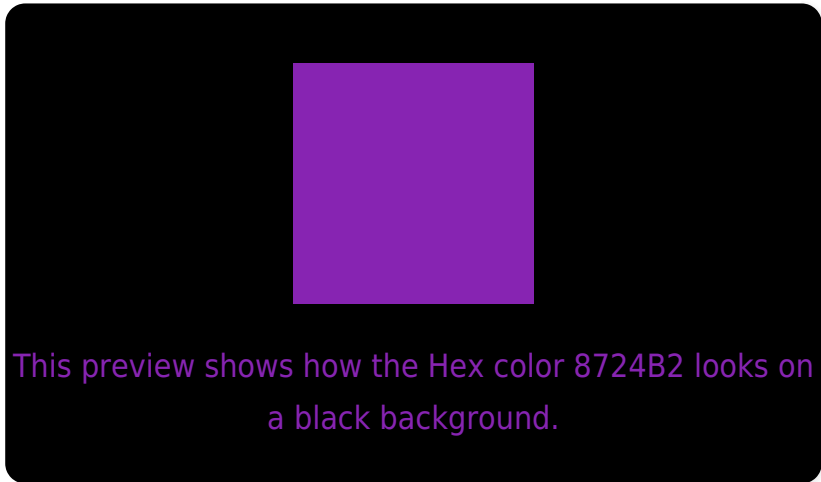
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

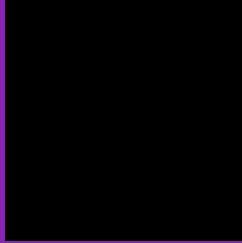
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8724B2 Background



This preview shows how black text looks on a background with the Hex color 8724B2.

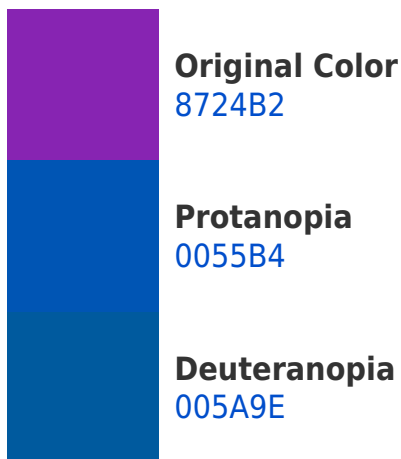


This preview shows how white text looks on a background with the Hex color 8724B2.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
784C51

Trichromacy



Original Color
8724B2



Protanomaly
3143B3



Deuteranomaly
3146A5



Tritanomaly
7D3D74

Monochromacy



Original Color
8724B2



Achromatopsia
525252



Achromatomaly
654175

CSS Examples

Text

The CSS property to change the color of the text to Hex 8724B2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8724B2 looks like.

```
.text, #text, p{  
    color:#8724B2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8724B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8724B2
}
```

Border

The CSS property to change the border of an element to Hex 8724B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

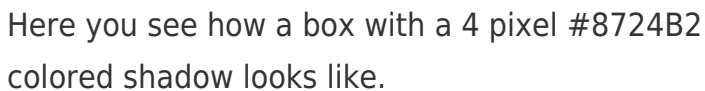
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8724B2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8724B2 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #8724B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8724B2; -webkit-box-shadow:4px 4px  
4px 4px #8724B2; box-shadow:4px 4px 4px  
4px #8724B2 }
```

Background

The CSS property to change the background color of an element to Hex 8724B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8724B2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8724B2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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